EXFOR/CINDA/ENDF: MIGRATION OF DATABASES TO GIVE HIGHER QUALITY NUCLEAR DATA SERVICES

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Extensive work began in 1999 to provide migration capabilities for the EXFOR, CINDA and ENDF nuclear reaction databases, and convert the available nuclear data services from VMS to a modern computing environment. This work has been performed through cooperative efforts between the IAEA Nuclear Data Section (IAEA-NDS) and the National Nuclear Data Centre (NNDC), Brookhaven National Laboratory. A main goal of the project was to implement databases in a relational form that provide full functionality for maintenance by data centre staff and improved retrieval capability for external users. The project also afforded the opportunity to make general revisions and improvements to the nuclear reaction data services by taking account of past experience with the old system and users' feed back.

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